

LIST OF REFERENCES CITED BY APPLICANT
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ATTY. DOCKET NO.

9301-244-999

APPLICATION NO.

10/577,696

APPLICANT

Jackson et al

FILING DATE

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ART UNIT

To be assigned.

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Date mm/dd/yy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A04	6,506,559	01/14/03	FIRE et al.	
	A02	2002/0086356	07/04/02	TUSCHL et al.	
	A03	2002/0162126	10/31/02	BEACH et al.	
	A04	2003/0175950 A1	09/18/03	MCSWIGGEN	
	A05	2003/0194725 A1	10/16/03	GREENER et al.	
	A06	2003/0143597 A1	07/31/03	FINNEY et al	

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Foreign Patent Document Country Code, Number, Kind Code (if known)	Date mm/dd/yy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	B01	WO 02/44321	06/06/02	Max-Planck-Gesellschaft Zur Förderung Der Wissenschaften EV		
	B02	WO 03/006477	01/23/03	University of Massachusetts		

NON PATENT LITERATURE DOCUMENTS

*Examiner Initials		Include name of the author (in CAPITAL LETTERS), (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	C01	AZA-BLANC et al. (2003). "Identification of Modulators of TRAIL-Induced Apoptosis via RNAi-Based Phenotypic Screening". Mol. Cell 12(3):627-637.	
	C02	BASS (2000). "Double-Stranded RNA as a Template for Gene Silencing". Cell 101(3):235-238.	
	C03	BODEN et al. (2003). "Promoter Choice Affects the Potency of HIV-1 Specific RNA Interference". Nucleic Acids Res. 31(17):5033-5038.	
	C04	BRUMMELKAMP et al. (2002). "A System for Stable Expression of Short Interfering RNAs in Mammalian Cells". Science 296(5567):550-553.	
	C05	CAMPBELL (1994). "Advances in Statistical Methodology for the Evaluation of Diagnostic And Laboratory Tests". Stat. Med. 13(7-May):499-508.	
	C06	COUZIN (2002). "Breakthrough of The Year. Small RNAs Make Big Splash". Science 298(5602):2296-2297.	
	C07	ELBASHIR et al. (2001). "Duplexes of 21-Nucleotide RNAs Mediate RNA Interference in Cultured Mammalian Cells". Nature 411(6836):494-498.	
	C08	ELBASHIR et al. (2001). "Functional Anatomy of siRNAs for Mediating Efficient RNAi in Drosophila Melanogaster Embryo Lysate". EMBO J 20(23):6877-6888.	
	C09	ELBASHIR et al. (2001). "RNA Interference Is Mediated By 21- and 22-Nucleotide RNAs". Genes Dev. 15(2):188-200.	
	C10	FIRE et al. (1998). "Potent and Specific Genetic Interference by Double-Stranded RNA in Caenorhabditis Elegans". Nature 391(6669):806-811.	

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C11		GRANT (1999). "Dissecting The Mechanisms Of Posttranscriptional Gene Silencing: Divide And Conquer". Cell 96(3):303-306.	
C12		GRIBSKOV et al. (1987). "Profile Analysis: Detection Of Distantly Related Proteins". Proc. Natl. Acad. Sci. U S A 84(13):4355-4358.	
C13		GRIBSKOV et al. (1990). "Profile Analysis". Methods Enzymol. 183:146-159.	
C14		GRIBSKOV et al. (1996). "Use Of Receiver Operating Characteristic (ROC) Analysis To Evaluate Sequence Matching". Comput. Chem. 20(1):25-33.	
C15		GRISHOK et al. (2001). "Genes And Mechanisms Related To RNA Interference Regulate Expression Of The Small Temporal RNAs That Control C. Elegans Developmental Timing". Cell 106(1):23-34.	
C16		GUO et al. (1995). "par-1, A Gene Required For Establishing Polarity In C. Elegans Embryos, Encodes A Putative Ser/Thr Kinase That Is Asymmetrically Distributed". Cell 81(4):611-620.	
C17		HAMMOND et al. (2001). "Argonaute2, A Link Between Genetic And Biochemical Analyses of RNAi". Science 293(5532):1146-1150.	
C18		HANNON (2002). "RNA Interference". Nature 418(6894):244-251.	
C19		HENIKOFF et al. (1994). "Position-Based Sequence Weights". J. Mol. Biol. 243(4):574-578.	
C20		HUTVAGNER et al. (2001). "A Cellular Function For The RNA-Interference Enzyme Dicer In The Maturation Of The let-7 Small Temporal RNA". Science 293(5531):834-838.	
C21		HUTVAGNER et al. (2002). "A microRNA In A Multiple-Turnover RNAi Enzyme Complex". Science 297(5589):2056-2060.	
C22		KAWASAKI et al. (2003). "Short Hairpin Type of dsRNAs that are Controlled by tRNA(Val) Promoter Significantly induce RNAi-mediated Gene Silencing in the Cytoplasm of Human Cells". Nucleic Acids Res. 31(2):700-707.	
C23		KETTING et al. (2001). "Dicer Functions in RNA Interference and in Synthesis of Small RNA Involved in Developmental Timing in C. Elegans". Genes Dev. 15(20):2654-2659.	
C24		KROGH et al. (1994). "Hidden Markov Models In Computational Biology. Applications To Protein Modeling". J. Mol. Biol. 235(5):1501-1531.	
C25		KWAK et al. (2003). "RNA Interference With Small Hairpin RNAs Transcribed From A Human U6 Promoter-Driven DNA Vector". J. Pharmacol. Sci. 93(2):214-217.	
C26		LAU et al. (2001). "An Abundant Class Of Tiny RNAs With Probable Regulatory Roles In Caenorhabditis Elegans". Science 294(5543):858-862.	
C27		LEE et al. (1993). "The C. Elegans Heterochronic Gene lin-4 Encodes Small RNAs With Antisense Complementarity To lin-14". Cell 75(5):843-854.	
C28		LEE et al. (2001). "An Extensive Class Of Small RNAs In Caenorhabditis Elegans". Science 294(5543):862-864.	
C29		LEWIS et al. (2002). "Efficient Delivery Of siRNA For Inhibition Of Gene Expression In Postnatal Mice". Nat. Genet. 32(1):107-108.	
C30		MARTINEZ et al. (2002). "Single-Stranded Antisense siRNAs Guide Target RNA Cleavage In RNAi". Cell 110(5):563-574.	
C31		MARTINEZ et al. (2002). "Synthetic Small Inhibiting RNAs: Efficient Tools To Inactivate Oncogenic Mutations And Restore p53 Pathways". Proc. Natl. Acad. Sci. U S A 99(23):14849-14854.	
C32		MCCAFFREY et al. (2002). "RNA Interference In Adult Mice". Nature 418(6893):38-39.	
C33		MCMANUS et al. (2002). "Gene Silencing In Mammals By Small Interfering RNAs". Nat. Rev. Genet. 3(10):737-747.	
C34		METZ (1986). "ROC Methodology In Radiologic Imaging". Invest. Radiol. 21(9):720-733.	

NY1-3972429v1

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C35		MIYAGISHI et al. (2002). "U6 Promoter-Driven siRNAs With Four Uracine 3' Overhangs Efficiently Suppress Targeted Gene Expression In Mammalian Cells". Nat. Biotechnol. 20(5):497-500.	
C36		MOURELATOS et al. (2002). "miRNPs: A Novel Class Of Ribonucleoproteins Containing Numerous microRNAs". Genes Dev. 16(6):720-728.	
C37		PADDISON et al. (2002). "RNA Interference: The New Somatic Cell Genetics?". Cancer Cell 2(1):17-23.	
C38		PADDISON et al. (2002). "Short Hairpin RNAs (shRNAs) Induce Sequence-Specific Silencing In Mammalian Cells". Genes Dev. 16(8):948-958.	
C39		PADDISON et al. (2002). "Stable Suppression Of Gene Expression By RNAi In Mammalian Cells". Proc. Natl. Acad. Sci. U S A 99(3):1443-1448.	
C40		PAUL et al. (2002). "Effective Expression Of Small Interfering RNA In Human Cells". Nat. Biotechnol. 20(5):505-508.	
C41		PETCHERSKI et al. (2000). "LAG-3 Is A Putative Transcriptional Activator In The C. Elegans Notch Pathway". Nature 405(6784):364-368.	
C42		REINHART et al. (2000). "The 21-Nucleotide let-7 RNA Regulates Developmental Timing In Caenorhabditis Elegans". Nature 403(6772):901-906.	
C43		RUBINSON et al. (2003). "A Lentivirus-Based System To Functionally Silence Genes In Primary Mammalian Cells, Stem Cells And Transgenic Mice By RNA Interference". Nat. Genet. 33(3):401-406.	
C44		SALZBERG et al. (1998). "Microbial Gene Identification Using Interpolated Markov Models". Nucleic Acids Res. 26(2):544-548.	
C45		SONG et al. (2003). "RNA Interference Targeting Fas Protects Mice From Fulminant Hepatitis". Nat. Med. 9(3):347-351.	
C46		SORENSEN et al. (2003). "Gene Silencing By Systemic Delivery Of Synthetic siRNAs In Adult Mice". J. Mol. Biol. 327(4):761-766.	
C47		SUI et al. (2002). "A DNA Vector-Based RNAi Technology To Suppress Gene Expression In Mammalian Cells". Proc. Natl. Acad. Sci. U S A 99(8):5515-5520.	
C48		TABARA et al. (1999). "The rde-1 Gene, RNA Interference, And Transposon Silencing In C. Elegans". Cell 99(2):123-32.	
C49		TISCORNIA et al. (2003). "A General Method For Gene Knockdown In Mice By Using Lentiviral Vectors Expressing Small Interfering RNA". Proc. Natl. Acad. Sci. U S A 100(4):1844-1848.	
C50		TUSCHL et al. (1999). "Targeted mRNA Degradation By Double-Stranded RNA In Vitro". Genes Dev. 13(24):3191-3197.	
C51		WIGHTMAN et al. (1993). "Posttranscriptional Regulation Of The Heterochronic Gene lin-14 By lin-4 Mediates Temporal Pattern Formation In C. Elegans". Cell 75(5):855-862.	
C52		WILDA et al. (2002). "Killing Of Leukemic Cells With A BCR/ABL Fusion Gene By RNA Interference (RNAi)". Oncogene 21(37):5716-5724.	
C53		WILLIAMS et al. (2002). "ARGONAUTE1 Is Required For Efficient RNA Interference In Drosophila Embryos". Proc. Natl. Acad. Sci. U S A 99(10):6889-6894.	
C54		XIA et al. (2002). "siRNA-Mediated Gene Silencing In Vitro and In Vivo". Nat. Biotechnol. 20(10):1006-1010.	
C55		YU et al. (2002). "RNA Interference By Expression Of Short-Interfering RNAs and Hairpin RNAs in Mammalian Cells". Proc. Natl. Acad. Sci. U S A 99(9):6047-6052.	
C56		ZAMORE et al. (2000). "RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals". Cell 101(1):25-33.	
C57		ZENG (2002). "Both Natural and Designed Micro RNAs Can Inhibit the Expression of Cognate mRNAs When Expressed in Human Cells". Mol. Cell 9(6):1327-1333.	
C58		ZIJLSTRA et al. (1989). "Germ-Line Transmission Of A Disrupted Beta 2-Microglobulin Gene Produced by	

NYI-3972429v1

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	Homologous Recombination in Embryonic Stem Cells". Nature 342(6248):435-438.	
C59	LEVENKOVA et al. 2004, "Gene specific siRNA selector," Bioinformatics, 20(3):430-2	

NYI-3972429v1

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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